

Specification Amendments

Please replace the paragraph beginning on page 5, line 9, with the amended paragraph, as follows:

Figure 3 shows a cross sectional view of wires routed through the wrist device. The prosthetic hand 204 attached to the semi-cylindrical rotator 202 can be a mechanical hand that receives electrical control signals. The wires 200 can be routed through the opening in the base plate 206, the opening in the sliding lock plate 208, the opening in the cover plate 210, and the opening in the central portion of the semi-cylindrical rotator. The wires can be routed through the rotator in such a way as to allow the wires to travel close to the neutral axis. This ensures that the wires are minimally stressed and at the same time protected from being snagged or crushed by contact with the environment. This may include wrapping the wires around the neutral axis to reduce the effect of repetitive flexing on the wires. Multi-strand wires can also be used because they tolerate repetitive flexing better than single strand wires.